



TX1000 MK2



Telemetry Transmitter



Application Notes

The TX1000 MK2 series combines a state-of-the-art video switcher with the simplicity of installation associated with coax controlled systems. This combination provides a flexible, cost-effective control solution for both internal and external pan / tilt / zoom and dome applications.

Like all BBV products, simplicity of use and aesthetic casework are inherent in the design.

The TX1000 series supports coaxial telemetry and BBV RS422 telemetry as standard and 20mA twisted pair operation as an option, allowing integration with infrared, microwave and fibre-optic links.

An optional factory-fitted alarm card with programmable functions is available for connection to up to 16 external detection devices.

Features

- 16 full scene presets per camera (RX100, RX400P, RX400DC, RX45X, RX55X)
- 2-part construction to simplify installation and hide unsightly cables
- Ergonomically designed keyboard with easily understood symbols
- Industry standard RS232 communications for total flexibility
- 2 monitor outputs
- Variable sequence dwell time
- Camera number (CAM01 – CAM16)
- 2 patrols (RX100, RX400P, RX45X, RX55X)
- Alarm output
- Simple menu driven programming from the keypad
- Wall or 19in rack mount capability

Retro-fit options

Additional keypad position with full independent control – TX1000/KBD

Twisted pair output (star wired 20mA current loop) – TX/MK2/TPO



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Technical specification

Power supply Base unit Slave keyboard	Plug mounted transformer 9Vdc 500mA supplied Plug mounted transformer 9Vdc 500mA supplied												
Inputs	Passive loop through for video signal on keypad, video to be terminated at monitor. Video inputs are automatically de-terminated on loop through Data input to base unit is RS232 via 9-pin D connector RS232 port allowing remote control from PC etc (9600,N,8,1)												
Outputs	Base unit relay change over contact, able to switch 50V at 100mA												
Features	Momentary - pan, tilt, iris, focus, zoom, wash, change over relay contact Latching - wipe, autopan, lights On-screen menu programming for dwell time, max camera number, patrol 1, patrol 2 and presets, alarm programming												
Installation	Base unit is 1U 19in rack mountable metalwork or wall-mounted via the fixing brackets supplied												
Dimensions AC Keypad DC Keypad Base Unit	<table border="0"> <tr> <td>Width 415mm</td> <td>Depth 45mm</td> <td>Height 180mm</td> </tr> <tr> <td>Width 427mm</td> <td>Depth 160mm</td> <td>Height 180mm</td> </tr> <tr> <td>Width 427mm</td> <td>Depth 55mm</td> <td>Height 90mm</td> </tr> </table>	Width 415mm	Depth 45mm	Height 180mm	Width 427mm	Depth 160mm	Height 180mm	Width 427mm	Depth 55mm	Height 90mm			
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Colour	Metal case powder coated RAL7035												
Variants	TX 1000/8 MK2 base unit and keyboard 8 inputs 2 outputs TX 1000/16 MK2 base unit and keyboard 16 inputs 2 outputs TX 1000KB MK2 second keyboard with power supply Up to 4 base units can be connected together using an EX4												
Options Suffix:/DC Suffix:/TP Suffix:/A Suffix:/MU	Proportional joystick for variable speed DC heads and AC heads Twisted pair 20mA outputs - star wired Alarm card programmable from keyboard - 16 normally closed alarm inputs Main unit only												

Retro-fit options

Additional keypad position with full independent control – TX1000/KBD
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TX1000 is compatible with third-party equipment including:

DM DVST (with BBV PL1), Sony PMS, SiCom TeleEye, Bischke FSC, Tecton DRAX (with Tecton 300/400KB), Vision Systems Adpro VST10CA (with BBV PL6), Contex ReCam, Pinacl, Imigix, ControlWare, DigiEye, Mitsubishi DS150/200, Wavestore.

Compatible with several PC control systems including:

BBV Virtual Keyboard, BBV pick-a-point, several third-party control systems.



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